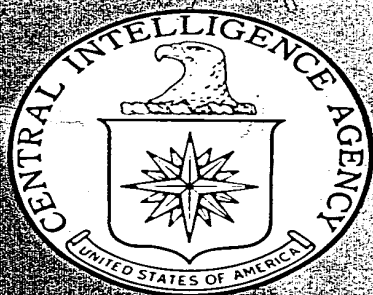


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IMAGERY
ANALYSIS
DIVISION

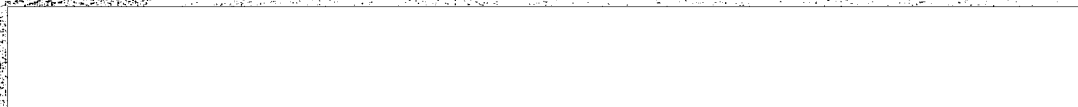
PIR

PHOTOGRAPHIC INTELLIGENCE REPORT

TRIAD FACILITY

SURFACE TO AIR MISSILE SITE E-33-1

MOSCOW, USSR



25X1

CIA/PIR 61044

DATE October 1965
COPY 8
PAGES 7

25X1

TOP SECRET

GROUP 1
Excluded from automatic
downgrading and declassification

[REDACTED] TOP SECRET RUFF

CIA IMAGERY ANALYSIS DIVISION

[REDACTED] CIA/PIR-61044

TRIAD FACILITY
SURFACE TO AIR MISSILE SITE E-33-1
MOSCOW, USSR

This report is the result of a study conducted to compare the triad of buildings at SAM site E-33-1 (Figure 1) as seen on ground photographs of April 1965 (Figure 2) and large scale KEYHOLE photography (Figure 3).

The triad facility was observed on ground photography [REDACTED] [REDACTED] Although it can be identified as one of the triad facilities, the designation, E-33-1, can only be determined from the trip report accompanying the ground photos. Only the domed structures on the roofs of the buildings and the construction cranes were visible above the tree tops.

Mensuration scales for the ground photography were obtained by assuming the diameter of each domed structure as obtained from KEYHOLE photography, to be correct, with [REDACTED] All other mensuration was accomplished by ratioing to these figures. This operation was performed by NPIC, Technical Intelligence Division.

As a result of using the assumed scales mentioned above, measurements obtained from the two camera sources are almost identical throughout. All measurements obtained from the ground photos are graphically portrayed on the enclosed line drawings (Figures 4 and 5).

Construction progress [REDACTED] consisted of the placement of a section of the large dome atop the two other visible sections. This indicates that the dome is constructed in individual sections at ground level and then assembled atop the triad buildings by use of construction cranes. These individual sections are annotated as sections A, B, and C on Figure 4 and sections A and B on Figure 5.

Section B (Figure 5) of the domed structure atop the smaller building was in place [REDACTED] but was not visible [REDACTED] It appeared to be a temporary environmental covering when seen in January.

The types of construction materials used cannot be determined specifically.

-1-

TOP SECRET RUFF [REDACTED]

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

[REDACTED] TOP SECRET RUFF

CIA IMAGERY ANALYSIS DIVISION

[REDACTED] CIA/PIR-61044

REFERENCES

[REDACTED]

CIA 1051389 - 1051398, 15 April 1965 CONFIDENTIAL

[REDACTED]

MAPS and CHARTS

DIA 0154-22HL, Series 200, 2nd edition, March 1963, Scale 1:200,000
(SECRET)

DOCUMENTS

REQUIREMENT

C-SI5-82,393

CIA/IAD PROJECT

30461-5

TOP SECRET RUFF [REDACTED]

TOP SECRET RUFF

CIA/PIR-61044

CIA IMAGERY ANALYSIS DIVISION

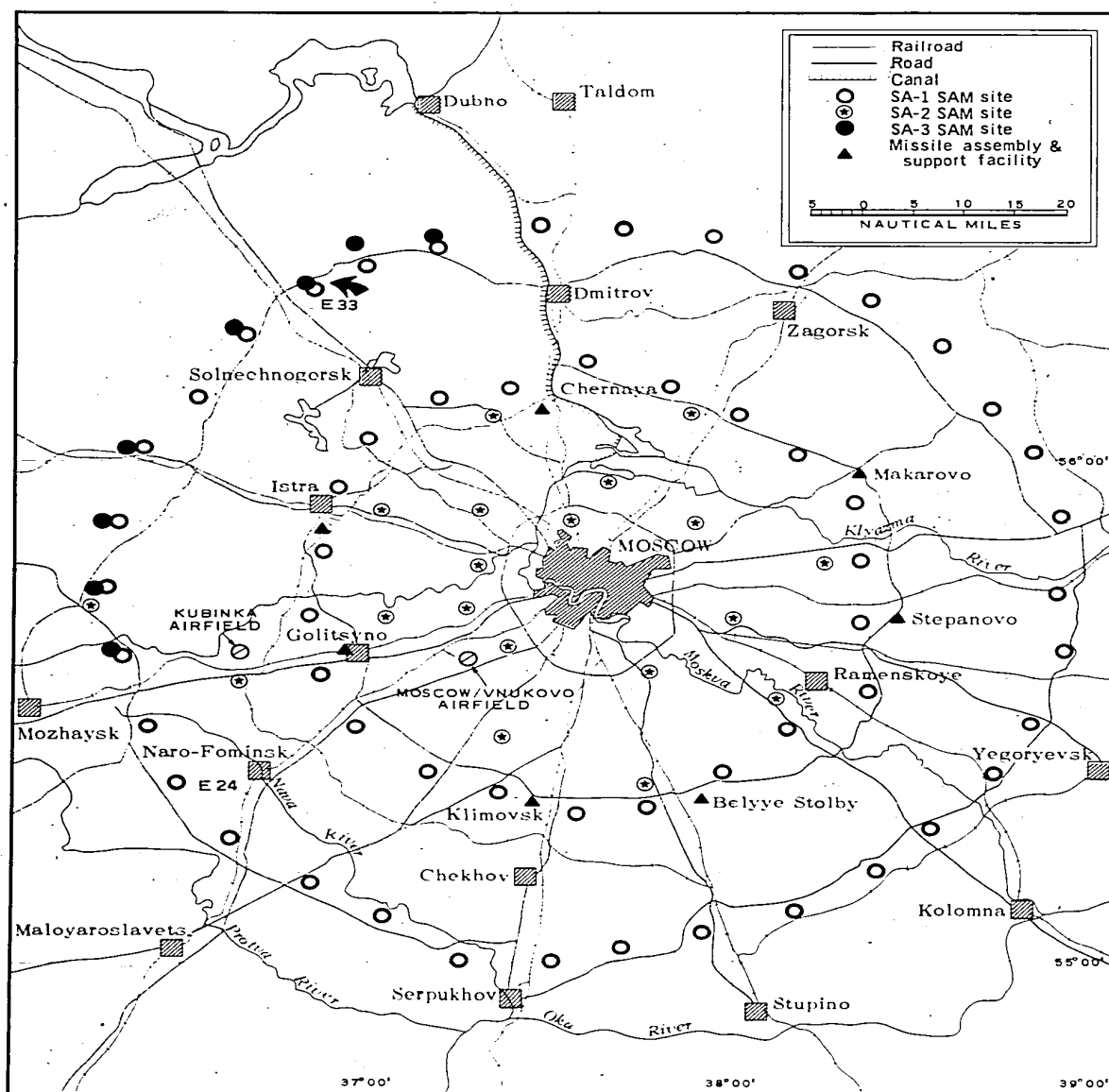
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FIGURE 1

TOP SECRET RUFF

25X1

TOP SECRET RUFF

CIA/PIR-61044

TRIAD FACILITY
SAM SITE E-33-1
MOSCOW, USSR

25X1

25X1

USSR WAC 154D KLIN (NR) 56 20 N 36 44 E
Construction at SAM site E-33 (56 21 N 36 45 E). For stereo pair, see
CIA 1051394. 15 Apr 1965.
[REDACTED] Confidential (3,7,25) CIA 1051395

25X1

USSR WAC 154D KLIN (NR) 56 20 N 36 44 E
Construction at SAM site E-33 (56 21 N 36 45 E). 15 Apr 1965.
[REDACTED] Confidential (3,7,25) CIA 1051396

25X1

TOP SECRET RUFF

FIGURE 2

25X1

TOP SECRET RUFF

CIA/PIR-61044

TRIAD FACILITY
SAM SITE E-33-1
MOSCOW, USSR

25X1
25X1

25X1

SMALL DOME BUILDING

SMALL DOME BUILDING

LARGE DOME BUILDING

60 FOOT DISH

DOME CAP

30 X ENLARGEMENT

TOP SECRET RUFF

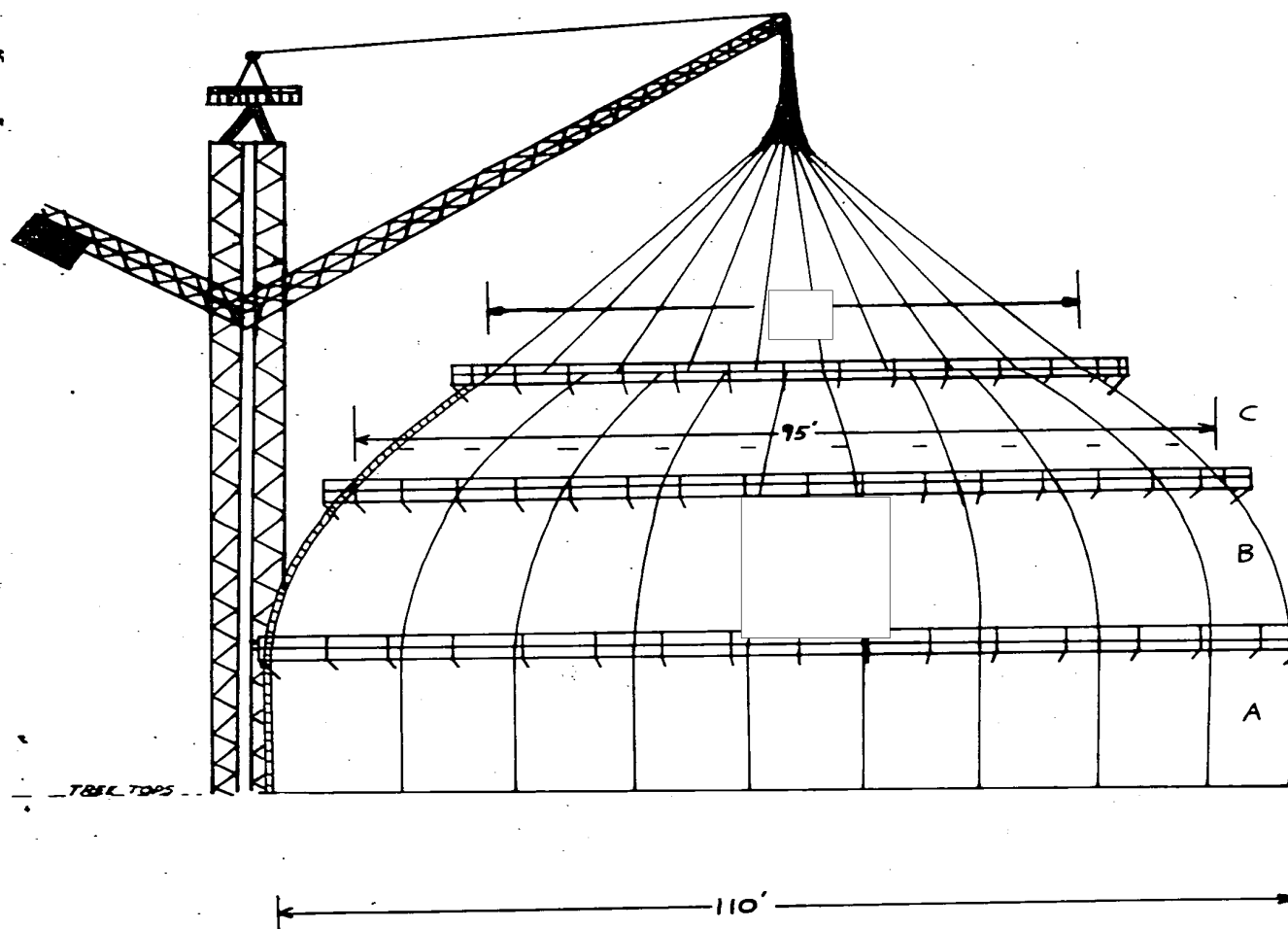
FIGURE 3.

25X1

TOP SECRET RUFF

CIA/PIR-61044

25X1
25X1



25X1

25X1

25X1

LARGE DOMED STRUCTURE

FIGURE 4

Approximate Scale 1:240

TOP SECRET RUFF

25X1

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